

Amendment under 37 C.F.R. §1.114
Application No. 10/532,827
Attorney Docket No. 052478

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A method of producing a laminate, which comprises continuously laminating a heat-resistant film having thermal fusibility with a metallic foil, and controlling the temperature in a width direction of the laminate in a cooling process after the lamination so that the temperature of the ends of the laminate is the same as or higher than that of the center portion,

wherein the temperature is controlled at least within the range of from 180°C to (lamination temperature - 100°C).

2. (Original): The method of producing a laminate according to claim 1, wherein the temperature of the ends is 40°C higher than that of the center portion.

3. (Previously Presented): The method of producing a laminate according to claim 1, which comprises laminating using a heated roll laminating apparatus.

4. (Previously Presented): The method of producing a laminate according to claim 1, which comprises disposing a protective material between the pressing surface of the heated roll laminating apparatus and a laminating material, thermally laminating them at 200°C or higher,

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thereby to slightly contact the protective material with the laminating material, cooling the laminate and removing the protective material from the laminate.

5. (Previously Presented): The method of producing a laminate according to claim 1, wherein the heat-resistant film having thermal fusibility comprises a non-thermoplastic polyimide film and a resin containing a thermally fusible component provided on the surface of the non-thermoplastic polyimide film.

6. (Previously Presented): The method of producing a laminate according to claim 1, wherein the thermally fusible component of the heat-resistant film contains a thermoplastic polyimide in an amount of 50% by weight or more based on 100% by weight of the thermally fusible component.

7. (Previously Presented): The method of producing a laminate according to claim 1, wherein the metallic foil is a copper foil having a thickness of 50 μm or less.

8. (Previously Presented): The method of producing a laminate according to claim 1, wherein the protective material is a non-thermoplastic polyimide film.